

Item # _____

Prepared by: Darren Sanders
Engineering

Approved by _____
County Attorney

A RESOLUTION APPROVING AN AMENDMENT TO THE CONTRACT WITH AFRAM CORPORATION IN THE AMOUNT OF \$133,112.20 FOR THE DESIGN OF A LOW PRESSURE SEWER SYSTEM IN THE COTTON CREEK AREA AND THIS ITEM REQUIRES AN EXPENDITURE OF COUNTY CIP FUNDS IN THE AMOUNT OF \$133,112.20. SPONSORED BY COMMISSIONER WYATT BUNKER.

WHEREAS, The AFRAM Corporation has been commissioned to perform an independent engineering study of the Cotton Creek area and develop alternative solutions based on their findings; and

WHEREAS, The engineering study confirmed the existence of widespread septic system failures due to low soil permeability rates and saturated conditions; and

WHEREAS, The most efficient and cost effective system recommended by the consultant is a low pressure sewer system (LPSS) that collects the solid material in the septic tanks and conveys the liquid waste through the Spring Creek Ranch development collection system to the Town of Collierville Publicly Owned Treatment Works (POTW); and

WHEREAS, Approval of this amendment to the AFRAM contract, CA#074509, is contingent on the approval of the agreement with the Stanford Group to allow the wastewater to be transported through the Spring Creek Ranch sewer system and the agreement with the Town of Collierville to treat the liquid waste; and

WHEREAS, The AFRAM Corporation was selected by the Consultant Review Committee under RFP #07-007-04 to provide professional services; and

WHEREAS, AFRAM is a certified locally owned small business (LOSB) in Shelby County; and

WHEREAS, AFRAM has submitted a contract to design the sewer system in the amount of \$133,112.20; and

WHEREAS, It is necessary to appropriate funds in the amount of \$133,112.20 to fund this contract amendment.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF SHELBY COUNTY, TENNESSEE, That the contract amendment with AFRAM Corporation in the amount of \$133,112.20 for the design of the Cotton Creek Area Sewer is hereby approved.

BE IT FURTHER RESOLVED, That the Mayor is hereby authorized to execute the aforementioned contract amendment on behalf of Shelby County Government, an executed copy of which is to be placed on file in the Contracts Administration Section of the Office of the County Attorney.

BE IT FURTHER RESOLVED, That funds are hereby appropriated in the amount of \$133,112.20 from the FY 2008-2009 CIP Budget for CIP Project No. 100106, Cotton Creek Sewer System.

BE IT FURTHER RESOLVED, That the Mayor and the Director of Administration and Finance are hereby authorized to issue their warrant or warrants in amounts not to exceed \$133,112.20 for the purposes contained in this resolution to AFRAM Corporation and to take proper credit in their accounting therefore.

A C Wharton, Jr., Mayor

Date_____

ATTEST:

Clerk of the County Commission

ADOPTED _____

**SHELBY COUNTY BOARD OF COMMISSIONERS
AGENDA ROUTE SHEET**

Referred to Commission Committee Public Works

For Commission Action on _____

DESCRIPTION OF ITEM:

**A RESOLUTION APPROVING AN AMENDMENT TO THE CONTRACT
WITH AFRAM CORPORATION IN THE AMOUNT OF \$133,112.20 FOR THE
DESIGN OF A LOW PRESSURE SEWER SYSTEM IN THE COTTON
CREEK AREA AND THIS ITEM REQUIRES AN EXPENDITURE OF
COUNTY CIP FUNDS IN THE AMOUNT OF \$133,112.20. SPONSORED BY
COMMISSIONER WYATT BUNKER.**

CHECK ALL THAT APPLY BELOW:

_____ This Action does NOT require expenditure of funds.

 X This Item requires/approves expenditure of funds as follows (complete all that apply):

County General Funds: \$ _____; County CIP Funds: \$ 133,112.20

State Grant Funds: \$ _____; State Gas Tax Funds: \$ _____

Federal Grant Funds: \$ _____

Other funds (Specify source and amount): \$ _____

Other pass-thru funds (Specify source and amount): \$ _____

Originating Department: Engineering

APPROVAL:

Dept. Head: Michael E. Oakes, P.E. – (901) 545-4332 \ _____ \ _____
(Type your name & phone #.) (Initials) (Date)

Elected Official: Commissioner Wyatt Bunker - (901) 545-4301 \ _____ \ _____
(Type your name & phone #.) (Initials) (Date)

Division Director: Ted Fox - (901) 545-4565 \ _____ \ _____
(Type your name & phone #.) (Initials) (Date)

CIP – A&F Director: Jim Huntzicker – (901) 545-4514 \ _____ \ _____
(Type your name & phone #.) (Initials) (Date)

Finance Dept. Mike Swift – (901) 545-4449 \ _____ \ _____
(Type your name & phone #.) (Initials) (Date)

County Attorney: Pam Skelton – (901) 545-4362 \ _____ \ _____
(Type your name & phone #.) (Initials) (Date)

CAO/Mayor: Jim Huntzicker – (901) 545-4514 \ _____ \ _____
(Type your name & phone #.) (Initials) (Date)

SUMMARY SHEET

I. Description of Item

This item approves an amendment to the contract with the AFRAM Corporation for the design of a low pressure sewer system in the Cotton Creek Area and appropriates funds in the amount of \$133,112.20 from the FY 2008-09 CIP Budget.

II. Source and Amount of Funding

A. Amount Expended/Budget Line Item

FY 2008-2009 CIP BUDGET FOR PROJECT NO. 100106, COTTON CREEK

Original Allocation	\$ 1,200,000.00
Request in Companion Resolution (Spring Creek Reimbursement)	< 98,400.00 >
Balance	\$ 1,101,600.00
This Request	\$ 133,112.20
Balance	\$ 968,487.80

B. All Costs (Direct/Indirect)

1. Consultant's fee – \$200,235.36 (\$67,113.16 appropriated in FY 06-07 for study)

C. Additional or Subsequent Obligations or Expenses of Shelby County

1. Estimated construction costs - \$950,000
2. Spring Creek Ranch, LLC capital costs reimbursement - \$98,400.00
3. Spring Creek Ranch, LLC pro-rata share of up to \$40,000.00 odor abatement liability

III. Contract Items

- A. Type of Contract: Standard
B. Terms: 8 months

IV. Additional Information Relevant to approval of this item

In response to residents' reports of septic systems failing, Shelby County administered an area wide survey encompassing ninety-two (92) homes to acquire preliminary estimates of affected properties. Evaluation of the survey results led to the hiring of the AFRAM Corporation, a locally owned small business and wholly owned minority firm, to perform a detailed engineering study with recommended alternatives. The consultant's analysis of the area confirmed widespread existence of failing septic systems due to poor soil conditions, high ground water levels, and perched water.

AFRAM has evaluated potential system designs and has recommended a low pressure sewer system (LPSS) as the most efficient and cost effective solution. The LPSS will utilize the existing septic tanks for solids removal and convey the liquid waste to the Town of Collierville treatment plant on Shelton Road. Shelby County will enter into an agreement with Collierville for sewer connection and treatment costs that will be paid by the individual homeowners. In order to satisfy the provisions of the Collierville agreement and their municipal regulations, one-hundred percent (100%) of the residents will be required to sign-on and participate in the sewer system. The County will also have an agreement with the Stanford Group, owners of the Spring Creek Ranch development, to transport the liquid waste through their collection system. Both of these agreements are companion items to this resolution. Funding in the amount of approximately \$1.1 M has been provided in the FY 09 Budget to design and construct the system.